Form 14491 Docket Number: Application Number: 10/796,563 1008-013US01 INFORMATION DISCLOST Applicant: Georgios B. Giannakis; Liuqing Yang IN AN APPLICATION Filing Date: Group Art Unit: (Use several sheets if necessary) March 8, 2004 2631 Examiner Name: Unknown U.S. PATENT DOCUMENTS **Document Number** Examiner Issue/Document Name Filing Date If Initial **Publication Date** Appropriate FOREIGN PATENT DOCUMENTS Examiner **Document Number** Publication Country Initial Date Yes OTHER DOCUMENTS (Including Authors, Title of Item, Page(s), Vol/Issue No., Publisher, Place of Publication) Z. Wang et al., "Block Precoding for MUI/ISI-Resilient Generalized Multicarrier CDMA /JATM/ with Multirate Capabilities," IEEE Transactions on Communications, Vol. 49, no. 11, pp. 1 2016-2027, November 2001. F. Ramirez-Mireles et al., "System Performance Analysis of Impulse Radio Modulation," 2 Procedings Radio Wireless Conference, Colorado Springs, CO, pp. 67-70, August 1998. M. Win et al., "Ultra-Wide Bandwidth Time-Hopping Spread-Spectrum Impulse Radio 3 for Wireless Multiple-Access Communications," IEEE Transactions on Communications, Vol. 48, No. 4, pp. 679-691, April 2000. A. Saleh et al., "A Statistical Model for Indoor Multipath Propagation," IEEE Journal on 4 Selected Areas in Communications, Vol. SAC-5, No. 2, pp. 128-137, February, 1987. B. Hassibi et al., "On the Expected Complexity of Sphere Decoding," Proceedings of the 5 Asilomar Conference on Signals, Systems and Computers, Vol. 2, pp. 1051-1055, 2001. B. Hochwald et al., "Unitary Space-Time Modulation for Multiple-Antenna Communications in Rayleigh Flat Fading," IEEE Transactions on Information Theory, 6 Vol. 46, No. 2, pp. 543-564, March 2000. C. Le Martret et al., "All-Digital PPM Impulse Radio for Multiple-Access Through Frequency-Selective Multipath," Procedures of GLOBECOM, Vol. 1, pp. 22-26, San 7 Francisco, CA, November 17 – December 1, 2000. C.J. Le Martret et al., "All-Digital Impulse Radio with Multiuser Detection for Wireless /JATM/ Cellular Systems," IEEE Transactions on Communications, Vol. 50, No. 9, pp. 1440-8 1450, September 2002.

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